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COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

0.42 0.42

FILE 'EUROPATFULL' ENTERED AT 14:33:48 ON 20 JUN 2003 COPYRIGHT (c) 2003 WILA Verlag Muenchen -WILA)

FILE 'PATDPAFULL' ENTERED AT 14:33:48 ON 20 JUN 2003 COPYRIGHT (C) 2003 DPMA

FILE 'POTFUEL' ENTERED AT 14:33:46 ON 20 JUN 2003 COPYRIGHT (C) 2003 Univentio

FILE 'RDISCLOSURE' ENTERED AT 14:33:48 ON 20 JUN 2003 COPYRIGHT (C) 2003 Kenneth Mason Publications Ltd.

FILE 'USPATFULL' ENTERED AT 14:33:48 ON 20 JUN 2003 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTEPED AT 14:33:48 ON 20 JUN 2003 CA INDEXING COPYPIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

= s Senzaki, Toshihide/in

'IN' IS NOT A VALIE FIELD CODE

LI 6 SENZAKI, TOSHIHIDE/IN

$= \cdot d 11 1-6$

LI ANSWER 1 OF 6 EUROPATFULL COPYRIGHT 2003 WILA



PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1302490 EUROPATFULL ED 20030423 EW 200316 FS OS

TIEN HYDROGENATED AROMATIC OLIGOMERS AND PROCESS FOR THEIR PRODUCTION.

TIDE HYDRIERTE AFCMATISCHE OLIGOMERE UND VERFAHREN ZU DEREN HERSTELLUNG.

TIFR OLIGOMERES AROMATIQUE HYDROGENES ET LEUR PROCEDE DE FABRICATION.

IN SENZAKI, Toshihide, Nippon Steel Chemical Co., Ltd, 46-80,

Sakinohama, Gaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 304-8503, JP;

IMAMUFA, Takahiro, Nippon Steel Chemical Co., Ltd, 46-80, Sakinohama, Qaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP; SHIMICU, Takehiro, Nippon Steel Cehmical Co., LTd., 46-80, Sakinohama, Qaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP; NAGAI, Munehito, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama,

Oaza Makabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP

PA Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome, Shinagawa-ku, Tokyo 141-0031, JP

so Wila-EPZ-2003-H16-Tla

DS R AT; R BE; F CH; R CY; R DE; R DK; R ES; F FI; R FR; R GB; R GR; R IE;

R IT; F LI; F LU; P MC; F NL; F PT; R SE; R TR
FIT EPA1 EUFOPAEISCHE PATENTANMELDUNG (Internationale Anmeldung)

PI EP 1302490 A1 20030416

OD 20030416

AI EP 2001-949942 20010711 PPAI WG 01-JF6017 010711 INTAKE

| RLI | WO | 01-JP6017 | 010711 | INTAKE | WO | 02006365 | 020124 | INTPUR

L1 ANSWER 2 OF 6 EUROFATFULL COPYRIGHT 2003 WILA

Full Text

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PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET
       1180507 EUROPATFULL ED 20020304 EW 200208 FS OS
MA
       PROCESS FOR THE PURIFICATION OF AROMATIC HYDROCARBONS AND PROCESS FOR
TIEN
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       VEFFAHREN DUP REINIGUNG VON AFOMATISCHEN KOHLENWASSERSTOFFEN UND
TIDE
       VERFAHREN DUR HERSTELLUNG VON HOCHREINEN AROMATISCHEN
       KOHLENWASSERSTOFFEN.
       PROCEDE POUR FURIFIER DES HYDROCARBURES AFOMATIQUES ET PROCEDE FOUR
TIFR
       PREPARER DES HYDFOCARBURES ARCMATIQUES TRES PURS.
       SENZAKI, Toshihide Nippon Steel Chemical Co., Ltd., 46-30,
III
       Sakinchama Oaza Nakabaru Tobata-ku, Kitakyushu-shi Fukucka-ken 804-8503,
       JF;
       IMAMUFA, Takahiro Nippon Steel Chemical Co., Ltd., 46-80, Sakinchama
       Oaza Nakabaru Tokata-ku, Kitakyushu-shi Fukuoka-ken 804-8503, JF;
       TAKAYAMA, Takeshi Nippon Steel Chemical Co., Ltd., 46-30, Sakinchama
       Oaza Nakakaru Tobata-ku, Kitakyushu-shi Fukuoka-ken 804-8503, JF;
       MOGUCHI, Katsuhide Nippon Steel Chemical Co., Ltd., 46-30, Sakinchama
       Oaza Nakaharu Tohata-ku, Kitakyushu-shi Fukuoka-ken 804-8503, JF
       Nippon Steel Chemidal Co., Ltd., 21-11, Nishi-gotanda 7-chome,
PΑ
       Shinaqawa-ku, Tokyo 141-0031, JP
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                                19990615
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       2003014223 PCTFULL ED 20030303 EW 200308
TIEN
       RESIN COMPOSITION
       COMPOSITION DE PESINE
TIFR
       SENZAKI, Toshihide, c/o Research & Development Laboratories, Nippon
T1J
       Steel Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,
       Kitakyushu-shi, Fukuoka 804-8503, JP [JP, JP];
       IMAMURA, Takahiro, c/: Research & Development Laboratories, Nippon Steel
       Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,
       Kitakyushu-shi, Fukucka 804-8503, JP [JP, JP]
       MIPPON STEEL CHEMICAL CO., LTD., 21-11, Nishi Gotanda 7-chome,
PΑ
       Shinagawa-ku, Tokyo 141-0031, JP [JP, JF], for all designates States
       except US;
       SENZAKI, Teshihide, d'o Research & Development Laboratories, Nippon
       Steel Chemical Co., Ltd., 46-50, Sakinohama, Oaza Nakabaru, Tobata-ku,
       Kitakyushu-shi, Fukucka 804-8503, JP [JF, JP], for US only;
```

IMAMURA, Takahiro, c/o Fesearch & Development Laboratories, Nippon Steel

Chemical Co., Ltd., 46-80, Sakinohama, Casa Nakabaru, Tobata-ku, Kitakyushu-shi, Fukucka 804-8803, JP [JP, JP], for US only NAEUSE, Katsuo, 5th Floor, Central Shinbashi Bldq., 11-5,

Nishi-shinkashi 2-cheme, Minato-ku, Tokyo 105-0003, JP

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LA
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       2002006365 PCTFULL ED 20020814
MA
       HYDROGEMATED AROMATIC OLIGOMERS AND PROCESS FOR THEIR PRODUCTION
TIEN
       OLIGOMERES AFOMATIQUE HYDROGENES ET LEUR PROCEDE DE FABRICATION
TIFE
       SENZAKI, Toshihide;
111
       IMAMURA, Takahiro;
       SHIMIZU, Takehiro;
       NAGAI, Munehito
       NIPPON STEEL CHEMICAL CO., LTD.;
PA
       SENDAKI, Toshihide;
       IMAMURA, Takahira;
       SHIMIZU, Takehiro;
       NAGAI, Munehito
DT
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       WO 2002006365
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       JP 2000-2000-212784
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     ANSWER 5 OF 6 FOTFULL
Ll
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       2001016199 PCTFULL ED 20020828
M
       AROMATIC OLIGOMER AND USE THEREOF
TIEN
       OLIGOMERE ARCMATIQUE ET 30N UTILISATION
TIFR
       SENZAKI, Toshihide;;
111
       IMAMURA, Takahiro;
       NIPPON STEEL CHEMICAL CO., LTD.;
PA
       SENGARI, Toshihide;;
       IMAMURA, Takahiro;
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                             Al 20010303
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                   KP KR KE LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NE
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       WO 2000-JP5881
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JP 2000-2000/200630
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    ANSWER 6 OF 6 POTFULL
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       2000066521 PCTFULL ED 20020515
ΙΙA
       PROCESS FOR THE PUPIFICATION OF AROMATIC HYDROCARBONS AND PROCESS FOR
TIEN
       THE PREPARATION OF HIGH-PURITY AROMATIC HYDROCARBONS
       FROCEDE POUR PURIFIER DES HYDROCARBURES AROMATIQUES ET PROCEDE POUR
TIFR
       PREPARER LES HYDROCARBURES AROMATIQUES TRES PURS
       SENZAKI, Toshihide;;
III
       IMAMUFA, Takahiro;;
       TAKAYAMA, Takeshi;;
       NOGUCHI, Katsuhide;
       NIPPON STEEL CHEMICAL CO., LTD.;
PA
       SENCAKI, Toshihide;;
       IMAMUPA, Takahiro;;
       TAFAYAMA, Takeshi;;
       NOGUCHI, Katsuhide;
       Japanese
LA
DT
       Patent
       WO 2000066521
PΙ
                            Al 20001103
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                   TO KE US AT BE CHICY DE DK ES FI FE 3B GR IE IT LU MC NL PT
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       WO 1000-JE2798
                            A 20000427
ΑI
       JP 1939-11/122671
PRAI
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       c07c007-177
ICM
       c07c015-24; c07c015-28; c07c015-04; c07c015-02; c07c015-20;
ICS
       A01N027-00; C11B009-00
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            27 AFOMATIC OLIGOMER# AND (NAPHTHALENE OF ACENAPHTHENE OF FLUORENE
L2
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             6 L2 AND SOFTENING POINT#
L.3
=> d 13 1-6
    ANSWER 1 OF 6 EUROPATFULL COPYRIGHT 2003 WILA
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PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET
       1302490 EUROFATFULL ED 20030423 EW 200316 FS OS
IIA
       HYPROGENATED AROMATIC OLIGOMERS AND PROCESS FOR THEIR PRODUCTION.
TIEN
       HYDRIERTE AROMATISCHE OLIGOMERE UND VERFAHREN ZU DEREN HERSTELLUNG.
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TIFR
       SENSAKI, Toshihide, Nippon Steel Chemical Co., Ltd, 46-80, Sakinohama,
III
       Oaza Nakaharu, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JF;
       IMAHUFA, Takahiro, Nippon Steel Chemical Co., Ltd, 46-80, Sakinohama,
       Oaza Nakabaru, Tibata-ku, Kitakyuahu-shi, Fukutka 804-8503, JF;
       SHIMIDU, Takehiro, Nippon Steel Cehmidal Co., LTd., 46-80, Sakindhama,
       Caza Nakabaru, Tehata-ku, Kitakyuahu-shi, Fukucka 804-8503, JF;
       NAGAI, Munehitc, Nippon Steel Chemical Cc., Ltd., 46-80, Sakinshama,
       Oana Nakabaru, Tebata-ku, Kitakyuahu-shi, Fukubka 804-8503, JF
```

Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome,

PΑ

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Shinagawa-ku, Tokyo 141-0031, JP
       Wila-EPZ-2003-H16-T1a
SO
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F^{\cdot}\underline{I}
       EP 1302403
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       JP 2000-2000212784
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PLI
       WO 02006365
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       ICM C08G014-04
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       ICS C03L061-34
     ANSWER 2 OF 6 USPATFULL
L3
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   Text
          References
       2003:100246 USPATFULL
AN
ΤΙ
       Aromatic oligomer, phenolic resin composition containing the same,
       and epoxy resin composition and cured product obtained therefrom
       Kaji, Masashi, Fukuoka, JAPAN
III
       Yonekura, Kiyokazu, Fukubka, JAPAN
       E, I
                          A1
                                20030410
                                20021003 (10)
ΑI
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       WC 2001-JP3 )72
                                20010410
DT
       Utility
       AFFLICATION
FS
LN.CNT 634
THCL
       INCLM: 525/107.000
       NCLM: 525/107.000
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IC
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L3
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            Full
   Text
          References
IIA
       88:24476 USPATFULL
ΤI
       Aromatic oligomers and resins
       Jones, Michael E. B., Chester, England
111
ΡΆ
       Imperial Chemical Industries plc, United States (non-U.S. corporation)
PΙ
       US 4739032
                                19880419
       US 1937-31797
                                19870330 (7)
ΑI
       Division of Ser. No. US 1986-863417, filed on 15 May 1986, now patented,
F.L.I
       Pat. No. US 4673725 which is a division of Ser. No. US 1985-725347,
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       division of Ser. No. US 1983-558525, filed on 6 Dec 1983, now patented,
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       GB 1982-34715
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PRAI
       GB 1983-14707
                            1983)527
\Gamma \cdot T
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FS
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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ANSWER 4 OF 6 USPATFULL 1.3

Full

Full

EXF

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References
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       87:43405 USPATFULL
11A
       Process for the preparation of aromatic oligomers
TI
       Jones, Michael E. B., Chester, England
III
       Imperial Chemical Industries PLC, London, England (non-U.S. corporation)
PA
                                 19870616
PΙ
       US 4673725
       <del>US 1926-86</del>3417
                                 19860515 (6)
ΑI
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R.LI
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E \times F
CAS INDEMING IS AVAILABLE FOR THIS FATENT.
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$T_{\rm e}3$ ANSWER 5 OF 6 USPATFULL

References Text 86:76667 USPATFULL 11AAromatic oligomers and resins ΤI Π Jones, Michael E. B., Chester, England Imperial Chemical Industries PLC, London, England (non-U.S. corporation) ₽A US 4599373 19860708 PΙ US 1985-725347 \overline{AI} 19850419 (6) Division of Ser. No. US 1933-558525, filed on 6 Dec 1983, now patented, RLI Pat. No. US 4530992, issued on 23 Jul 1985 GB 1982-34715 19321206 PFAI GB 1983-14707 19830527 DT Utility Granted FS LN.CNT 1495 INCLM: 523/116.000 INCL INCLS: 260/998.110; 523/117.000; 433/228.100 NCLM: 523/116.000 NCL. NGLS: 260/998.110; 433/228.100; 523/117.000 IC[4] ICM: A61K006-03 ICS: A61K005-04

ANSWER 6 OF 6 USPATFULL

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523/116; 523/117; 260/998.11; 433/228

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Ť	ext References		
11A	85:43295 USPATFULL		
ΤI	Aromatic oligomers and resins		
III	Jones, Michael E. B., Chester, England		
PA	Imperial Chemical	Industries PLC, London, Eng	gland (non-U.S. corporation)
PI	US_4530992	19850723	
PI AI	US 1983-558525	19831206 (6)	
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       528/232; 528/242; 528/247; 528/265; 528/269; 525/400; 523/109; 523/120
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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